

19991107.qrp v01_n632.qrl.991107

Date: Sun, 7 Nov 1999 19:03:08 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1632

QRP-L Digest 1632

Topics covered in this issue include:

- 1) [55395] Re: Yaesu FT-757GX Problems ?
by kc8aon@juno.com
- 2) [55396] Yaesu FT757GX Progress Report
by kc8aon@juno.com
- 3) [55397] FW: DX Website GREAT! WITH URL this TIME!
by "Ed Tanton" <n4xy@att.net>
- 4) [55398] Re: Yaesu FT-757GX Problems ?
by RangerSF5@aol.com
- 5) [55399] Re: PSK31 & lap tops
by Charles Greene <cgreene@loa.com>
- 6) [55400] [GQRP] Digest Number 238]: NiCad vs. Alkaline
by Wayne Burdick <n6kr@elecraft.com>
- 7) [55401] FS: Antennas, misc.
by "J. Ervin Bates" <w8erv@email.msn.com>
- 8) [55402] For Trade: 40 Meter SW-40 w/KC-1
by "Tim Cook" <timcook@erinet.com>
- 9) [55403] OHR-500 With Dead Band..
by "William Phinizy" <k6whp@gte.net>
- 10) [55404] Re: CONTEST: QRP Contest This Weekend
by Rick Sealey <rsealey@InfoAve.Net>
- 11) [55405] Re: PROP: Condx for SS
by Bob Edwards <w4ed@gis.net>
- 12) [55406] HELP: Re: Tube QRP
by w4pj@w4bkx.ampr.org
- 13) [55407] QRP in the CW SS...What Results !
by WB9MII@aol.com
- 14) [55408] XCVR: Ten-Tec Mods
by w4pj@w4bkx.ampr.org
- 15) [55409] NT+ Fox Log (such as it is) for November 7, 1999 0230-0430Z (Sat nite local) - K6JMB
by Jim Boyle <jmb@cruzio.com>
- 16) [55410] Contest info
by tom whalen <wb5qyt@eFortress.com>
- 17) [55411] HB: capacitor kit values
by Rod J Johnson <ka7you@juno.com>
- 18) [55412] Re: HB: capacitor kit values
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>

- 19) [55413] Rechargeable Alkalines ?
by kc8aon@juno.com
- 20) [55414] Re: Making CT vers 6/7/8 work for 1999 SS
by N9DD@aol.com
- 21) [55415] Re: Rechargeable Alkalines ?
by "Nick Kennedy" <nkennedy@cswnet.com>
- 22) [55416] Re: Rechargeable Alkalines ?
by "Mike Yetsko" <myetsko@insydesw.com>
- 23) [55417] Re: Antennas, misc.
by "J. Ervin Bates" <w8erv@email.msn.com>
- 24) [55418] Re: Rechargeable Alkalines ?
by semann@tcia.net (Steven Mann)
- 25) [55419] HB: Alphabetic Index for NA5N Electronic Data Book de AL7FS
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 26) [55420] Re: HB: Alphabetic Index for NA5N Electronic Data Book de AL7FS
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 27) [55421] Re: Rechargeable Alkalines ?
by Fred DeVries <fred.devries@mindspring.com>
- 28) [55422] Re: Rechargeable Alkalines ?
by "Mike Yetsko" <myetsko@insydesw.com>
- 29) [55423] Operating: ADVANCED HAPPY DANCE
by Robert P Engelman <rengelwb8uoj@juno.com>
- 30) [55424] N/T+ Fox Tonight!
by "Matthew Balvanz" <kc0ayg@hotmail.com>
- 31) [55425] HB: Standard Capacitor Values
by CHARLES K BROWN <n4so@juno.com>
- 32) [55426] HB: Thanks for cap kit values
by Rod J Johnson <ka7you@juno.com>
- 33) [55427] Fw: Operating: ADVANCED HAPPY DANCE
by w2xn@juno.com
- 34) [55428] Interesting equivalents for 5 watts?
by "Dave Benham" <dodgeboy@mindspring.com>
- 35) [55429] Admin: ?? "<owner-qrp-1@LeHigh.edu>"
by Rod J Johnson <ka7you@juno.com>
- 36) [55430] Re: Admin: ?? "<owner-qrp-1@LeHigh.edu>"
by "John J. McDonough" <jjmcd@tm.net>
- 37) [55431] Re: Interesting equivalents for 5 watts?
by "John A. Evans - N0HJ" <jae@codenet.net>
- 38) [55432] RE: Interesting equivalents for 5 watts?
by "Ed Tanton" <n4xy@att.net>
- 39) [55433] Re: [55388] PSK31 & lap tops
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 40) [55434] Re: Interesting equivalents for 5 watts?
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
- 41) [55435] FOX: W0MC Final Log Nov4 Fox
by "Jerry McCollom W0MC" <w0mc@hotmail.com>
- 42) [55436] ERROR in forwarding
by Dennisskea@aol.com

- 43) [55437] Re: Interesting equivalents for 5 watts?
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
44) [55438] Need schematic for OHR Sprint 30
by "Tom Bowman" <tbowman@nbn.net>
45) [55439] Re: Admin: ?? "<owner-qrp-1@LeHigh.edu>"
by Norm Melick <henmel@worldnet.att.net>
46) [55440] RE: Interesting equivalents for 5 watts?
by "Ed Tanton" <n4xy@att.net>
47) [55441] WANT CX LAND?
by cx8at@adinet.com.uy

Date: Sat, 6 Nov 1999 19:48:44 EST
From: kc8aon@juno.com
To: RangerSF5@aol.com, qrp-1@Lehigh.EDU
Subject: [55395] Re: Yaesu FT-757GX Problems ?
Message-ID: <19991106.201515.4655.1.kc8aon@juno.com>

Bob,

Thanks very very much !!!!! The board that you mentioned was the local unit, and you hit the nail on the head ! Got to probing around in there, and with the help of my service manual found trimmer cap # TC05 had a cold solder joint. It was quite a chore, but I managed to get the board loose enough to lift it up and resolder the connections and now it's working great. And by the way, someone on the list asked about rigs that you could adjust the output from the front panel - my FT-757GX can go slightly below 1 watt from the front panel (CW only), I use it on QRP all the time !

Thanks again !
72.....Rick McKee KC8AON <><
Willow Wood, Ohio

On Sun, 31 Oct 1999 15:46:43 EST RangerSF5@aol.com writes:
>In a message dated 10/31/99 10:15:58 AM EST, kc8aon@juno.com writes:
>
><< and then return to normal. The question is, does anyone know which
> components I should check first, I have some test equipment and a
>service
> manual for the rig, if someone could just point me in the right
> direction, I think I might be able to figure it out.
> PLEASE HELP ! ! ! !
> >>
>WOW!!!!!!!!!!!!
>You'r asking a lot.
>I have no 757 GX but repaired the same problem for a friend 3 years

>ago.
>As you already know the rig is 2 halves and you need 5 hands.
>What ever half has the copper screen covering over the board is where
>the bug
>is.
>The copper screen is very rigid and has holes for accessing trimmer
>pots but
>some are not aligned and the screen needs to have some screws removed
>and
>bent away a bit.
>The problem was a trimmer cap but I can't remember what one.
>I located it by tapping each one with a plastic tool.
>When I hit the right one, the rig went wild.
>I suspected a bad solder joint but it's a job to remove the board so I
>used a
>25 watt iron and heated each leg of the trimmer with hopes of
>remelting the
>solder under the board.
>It worked and the Guy still has it on the air today.
>GL
>Bob
>WA2HOQrp <tm>

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sat, 6 Nov 1999 20:13:49 EST
From: kc8aon@juno.com
To: qrp-l@Lehigh.EDU
Subject: [55396] Yaesu FT757GX Progress Report
Message-ID: <19991106.201515.4655.4.kc8aon@juno.com>

To All That Replied,

Many thanks to everyone that replied to my request for advice on repairing my Yaesu. Found the problem to be a cold solder joint on one of the trimmer caps in the VXCO circuit, resoldered the culprit and now the rig works normal again ! And by the way, this rig can be front panel adjusted to slightly below 1 watt (CW) ! I've been thinking of adding a switch to limit SSB to 10 watts, will let ya'll know about it when and if I do !

72.....KC8AON
Rick McKee <><
Willow Wood, Ohio

I've done so much, so long, with so little, I can now do anything with nothing !

```

WWWWW
 I  0      0  I
0    U      0
 I  \____/  I
    \_____/

```

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sat, 6 Nov 1999 20:24:07 -0500
From: "Ed Tanton" <n4xy@att.net>
To: "VE3CQD Dan Tang" <ve3cqd@rac.ca>, "SEDXC" <SEDXC@contesting.com>, "Rick KF4AR" <rerobins@email.uncc.edu>, "Randy Tudor" <rtudor@att.net>, "QRP-L Reflector" <qrp-l@Lehigh.EDU>, "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>, "North GA QRP" <nogaqrp@qth.net>, Subject: [55397] FW: DX Website GREAT! WITH URL this TIME!
Message-ID: <NBBBJDEEIFDDANGEGHLBKEBEHKAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Well I really blew that. Bad enough the BW, but then I go and forget the DX URL. As Bugs Bunny would say: WHAT A MAROON!!! At least, that's what it feels like.

Kohtla-J rve HAM Radio Group Home Page
KOHTLA-J RVE CITY - ESTONIA - EUROPE

<http://www.qsl.net/es4rlh/ham/ham.htm>

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

Date: Sat, 6 Nov 1999 23:09:04 EST
From: RangerSF5@aol.com
To: kc8aon@juno.com, qrp-1@lehigh.edu
Subject: [55398] Re: Yaesu FT-757GX Problems ?
Message-ID: <0.bc4a9ad4.25565560@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 11/6/99 8:18:22 PM EST, kc8aon@juno.com writes:

<< Bob,

Thanks very very much !!!!! The board that you mentioned was the local unit, and you hit the nail on the head ! Got to probing around in there, and with the help of my service manual found trimmer cap # TC05 had a cold solder joint. It was quite a chore, but I managed to get the boa >>

Well you did it the hard way.

I always applied the heat to the leg of the trimmer cap.

I guess I always lucked out.

Glad I was able to help.

For some reason it seems that rig had a bad run of cold solder joints in that area and i'm willing to make a bet you'r rig is appx 12 years old.

Have fun QRP'ing

72/73

Bob

WA2HOQrp <tm>

Date: Sat, 06 Nov 1999 23:15:52 -0500
From: Charles Greene <cgreene@loa.com>
To: nilsbull@juno.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55399] Re: PSK31 & lap tops
Message-ID: <4.1.19991106231351.0097c3c0@mail.loa.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 04:14 PM 11/6/99 -0500, Nils R Young wrote:

>Gang,

>

>Ok, I looked at the web sites. I looked at the software download places.

>I even looked at the Hellschreiber sites &c.

>

>I ain't about to drag the 486 monster out to the shack 'cause it's a

>shack. It was once a two-hole privy (out house, as we say around these

>here parts) & it gets cold & damp & stupid out there. And I sure as

>blazes ain't gonna drag the Pentium ("It's about the Pentiums!") out
>there either, even if I have to replace the mo-board I fubarred.
>
>But I do have a perfectly good 486 laptop with a few meg of space left on
>the HD. Is there a trick or something that I have to buy to get that
>beast to work on PSK31. No audio card, see?

Nils,

I am using a laptop now on PSK31, but you have to have a sound
card. Any willd01 provided it is a 16 bit one.

Try PSK31. Check: <http://aintel.bi.ehu.es/psk31.html>
and May 99 QST.

Chas, W1CG

Rhode Island TCPIP Address Coordinator
w1cg@arrl.net

Date: Sat, 6 Nov 1999 21:37:46 -0700
From: Wayne Burdick <n6kr@elecraft.com>
To: gm0csz.kn6wh@invertain.freemove.co.uk
Cc: qrp-l@lehigh.edu, GQRP@onelist.com
Subject: [55400] [GQRP] Digest Number 238]: NiCad vs. Alkaline
Message-ID: <v03102825b44ab0bead3a@[206.169.225.45]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Frank,

>A high capacity NiCad D-cell is 1.2 V - 4Ah . ,this means that in theory
>one could draw 1 ampere for 4 hours with the voltage being 1.2V.
>The total energy content of such a cell is 1.2*4 = 4.8 Watt*Hour
>I can't believe that an alkaline D-cell has an energy content 3 times that

>of a same size (and weight) NiCad cell .

Consider the Duracell MN1300B2, a standard alkaline D-cell, available from many sources including page 4 of the Farnell components catalog. It is rated at 18 Ah, or $1.5 \text{ V} * 18 = 27$ watt-hours, far in excess of a NiCad D-cell. The Alkaline cell is also lighter by 10 g (140 g vs. 150 g). The only advantage of the NiCad cell is its rechargeability.

In both cases the actual watt-hours available depends heavily on the rate of discharge.

73,
Wayne Burdick,
N6KR

Date: Sun, 7 Nov 1999 01:37:44 -0500
From: "J. Ervin Bates" <w8erv@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [55401] FS: Antennas, misc.
Message-ID: <002d01bf28ea\$99ad6840\$d9451b3f@win98>

Hi all:

Well, I am heading for the VE session in Lansing this weekend and, in preparation of same, I am selling off a couple antennas to make room for a newer, bigger one.

I have a Cushcraft 10-3 (3 el 10m beam). Excellent condition. \$50 plus actual shipping cost. Also for sale is the Alpha Delta DX EE 10-15-20-40 "no trap" dipole. Works great as a sloper. \$60 plus actual shipping cost for this one.

Last but not least, I have a Realistic 30 channel scanner. Like new with new "heavy duty" ni-cads, plus charging/power cord. \$50 plus actual shipping cost.

Please reply directly to w8erv@arrl.net with any questions and if all goes well, a nice A3S will be in my near future.

Vy 72/73,
Erv W8ERV

Date: Sun, 7 Nov 1999 02:31:20 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [55402] For Trade: 40 Meter SW-40 w/KC-1
Message-ID: <044a01bf28f2\$1fcba660\$21077fd8@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a nicely packaged SW-40 that has a KC-1 (cw freq readout and keyer) built in and an internal AA battery pack. It puts out about 1.5 watts and frequency range is 7.000 to 7.049 mhz. You can see a picture of this radio in Rich Arlands new Qrp Book "Low Power Communications" page 5-29 he calls it the TFR for Trail Friendly Radio. I could send a .jpg if someone was really interested. It incorporates a slider control for the vfo instead of the conventional rotary control (works super!!!) . I got this back in a trade but was really wanting a 30m or 20m qrp rig. I would like to trade this radio for a 30 or 20 meter cw qrp rig. Please make offers on trades, other qrp gear considered. (I made 2 qso's on it today and was told there was a slight chirp on the signal, I have made dozens of qso's on this radio in the past with out ever a mention of a chirp, however I wanted to mention it here in case something has changed. I don't really think there is a problem, I listened to it in another rig and couldn't notice it, but anyhow there could be a slight chirp included at no extra cost!!!)

If you are interested, please email direct with any offers. I was going to keep it and put it in the truck for a mobile , but would rather have 30 m or 20 m for the times I would have available to operate from the vehicle.

73
tim
NZ8J

Date: Sun, 7 Nov 1999 01:11:16 -0800
From: "William Phinizy" <k6whp@gte.net>
To: "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [55403] OHR-500 With Dead Band..
Message-ID: <000701bf2900\$0c96a000\$a3aa173f@k6whp>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am aligning and checking out an OHR-500 and everything seems to be just Jake -- except that I can't get any power out of the 40 meter band. The voltages get switched o.k., the oscillator and VFO look good, but no power. I wonder if anyone out there has an idea what to check out next (Aside from calling OHR), shortcuts, etc.

My thanks in advance..

Date: Sun, 07 Nov 1999 06:48:43 -0500
From: Rick Sealey <rsealey@InfoAve.Net>
To: N2CQ@citnet.com
Cc: qrp-l@lehigh.edu, njqrp@njqrp.org
Subject: [55404] Re: CONTEST: QRP Contest This Weekend
Message-ID: <4.1.19991107063649.01a31220@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

Hi Ken,

While I am not a big contester, I do occasionally like to participate in some, usually the smaller ones that are less time demanding. Anyway, I wanted to express how much I appreciate your frequent and regular postings of the contest schedules.

While useful for anybody interested in contesting, your postings are especially so for those of us that like the smaller and more obscure events, the ones that don't get much publicity.

I just wanted to say thanks, and publicly acknowledge what your are doing for us. I'm sure many others feel the same.

Rick - W4SEA
High Point, NC

Date: Sun, 07 Nov 1999 07:59:54 -0500
From: Bob Edwards <w4ed@gis.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55405] Re: PROP: Condx for SS
Message-ID: <382577CA.702F6A72@gis.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Paul Harden, NA5N" wrote:

>.....
> Tuning around the bands around 1pm MST, both 15M and 10M have plenty of
> CW activity; almost nothing heard on 20M (here in NM anyway).
>.....

Yep, prop's been good in Georgia. Worked PAC section, easily, with 5 watts from the K2 and a last minute 15m vertical dipole on a 20 foot fish'n pole.

My first ARRL-SS, have 50 out of 79 sections so far (& a low score).

But it's fun & that's why I'm a'do'n it..... :)

--

```
      | \
     /  \
    /    \      Bob  72/73
   /      \
  /  K2    \
 /   21    \      email,   w4ed@amsat.org
/_  _  _  \      http://www.qsl.net/w4ed
 \-====*====-/]      near Atlanta, GA EM73wt
~~~~~
```

Date: Sun, 07 Nov 1999 08:29:56 EST
From: w4pj@w4bkx.ampr.org
To: qrp-1@lehigh.edu
Subject: [55406] HELP: Re: Tube QRP
Message-ID: <67171@w4bkx.ampr.org>

Check out the article in March '92 73 magazine by Charles D. Rakes KI5AZ.
"40/80 Meter Wave Ryder. A QRP tube transmitter powered by 12 volts DC."
He uses a 3A4 miniature power amplifier pentode to get 1-2 watts output.
The plate is supplied with approx. 150 volts from T1 wound on Amidon core
and bobbin EA-77-375. A 7805 regulator provides the 5V filament supply.
The tank circuit coils are wound on a single 1-1/2" piece of 1/2" pvc.
73 Magazine used to provide reprints of articles for a buck or two. I don't
know if that's still possible these days. I have the article in a file folder
and can make copies if anyone needs one.

de (Scott) W4PJ

ScottRHotchkissW4PJ1525NW5thAvenueFortLauderdaleFlorida33311<EL96vd>QRPL1585

Date: Sun, 7 Nov 1999 08:51:40 EST
From: WB9MII@aol.com
To: qrp-l@lehigh.edu
Subject: [55407] QRP in the CW SS...What Results !
Message-ID: <0.d3a50d15.2556ddec@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Howdy folks,
With the mighty MFJ@4 watts and the indoor St Louis Vertical hanging on the wall I dove into the 20 meter CW SS. With the exception of WP3R (near miss) I worked who I called...99 pct of the time on the first call. I didn't operate long...but for the first time in 26 years of this stuff I'm sending in a log. It'll be at the very bottom of the check logs I suspect but I didn't do too badly. Just for drill I loaded up my 9017 earlier in the day and worked into FL and utah. I know 99 pct of this stuff is due to conditions...but the results are a supprise. Take care
72

Greg WB9MII
QRP ARCI 9719
Amateur Radio Post 380 - American Legion

Date: Sun, 07 Nov 1999 09:03:46 EST
From: w4pj@w4bkx.ampr.org
To: qrp-l@lehigh.edu
Subject: [55408] XCVR: Ten-Tec Mods
Message-ID: <67182@w4bkx.ampr.org>

Try the Ten-Tec reflector = tentec@contesting.com
besides other TenTekkies, the gang in DollyPartonville also read and reply to the posts.
de (Scott) W4PJ
ScottRHotchkissW4PJ1525NW5thAvenueFortLauderdaleFlorida33311<EL96vd>QRPL1585

Date: Sun, 07 Nov 1999 07:13:58 -0800
From: Jim Boyle <jmb@cruzio.com>
To: qrp-l@lehigh.edu
Cc: k0evz@arrl.net
Subject: [55409] NT+ Fox Log (such as it is) for November 7, 1999 0230-0430Z (Sat nite

local) - K6JMB
Message-ID: <38259736.5C6408F1@cruzio.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Everyone must've been deep into the Sweeps last nite. If you guys were out there, I sure didn't hear ya! Can you believe one contact? Actually two - I got into an interesting ragchew with W6ROC about QRP. Seeing that nothin' else was happening, I figured that was OK. Although It doesn't count, I'll include him below since Tony was such a nice guy and a likely QRP convert. He dropped his power from 30 watts to 10 and his signal remained solid - got his interest, esp when I told him I was running 5 watts to my V.

And Ron - Ku7Y, jumped away from his Sweeps to give me a call. Thanks Ron!

Also got an e-mail from Doc - K0EVZ saying he was trying to bag me but got S-8'd by some parking lot vapor lamps - thanks for the try Doc, but I didn't even get a hint of your signal.

TIME-Z	CALL	RST SENT	RST RCVD	STATE	NAME	NR
0248	KU7Y	599	599	NV	RON	17
0310	W6ROC	599	549	CA	TONY	-----

Anyway, I got a lot of listening experience. I gotta sign up some more of these, but first I think I'm gonna go hunting myself for a couple days or so.

tnx es 72 to all,
Jim
K6JMB

Date: Sun, 07 Nov 1999 07:09:00 -0700
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55410] Contest info
Message-ID: <382587FC.4362@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

The fellow responsible for posting all the neat contest info is Ken Newman N2CQ....THANKS KEN!

Tom WB5QYT..."Have spud will travel!"

Date: Sun, 07 Nov 1999 11:58:08 EST
From: Rod J Johnson <ka7you@juno.com>
To: QRP-L@LeHigh.EDU
Subject: [55411] HB: capacitor kit values
Message-ID: <19991107.100316.17247.7.ka7you@juno.com>

Of course I missed the NorCal capacitor kit.

Now I want to stock my shelves with the common capacitor values. Can somebody give me the list of values in the NorCal kit? I can't seem to find it listed anywhere.

I have been ordering silver mica caps from Jameco, and NPO's and Monolythic ceramic ones from them and JDR Micro Devices.

It seems that I need to restock my supplies, and I would like to get a better selection, without having too many odd values. I salvage a lot of components from old circuit boards and have

I have a good selection of tor(r)oids-partially thanks to NorCal, and due to a club auction a year ago, I have way too many resistors (but the 1000+ 10meg resistors have come in handy as supports for the ugly construction projects). I have large quantities, at least for a hobbieist, of values below 1000 ohms and above about 100K. The middle range is pretty well gutted. :>(

Maybe I should take ten or twenty published projects, and just list the values, types and quantities used. That might give me a pretty good cross section of common useage.

Thanks,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
80M thru 10M with K2 s/n268 and other fine QRP rigs.
VHF thru 1296 MHz-higher bands pending
ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 07 Nov 1999 08:29:49 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: ka7you@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55412] Re: HB: capacitor kit values
Message-ID: <3825B70D.A97112D6@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Subject: NorCal Capacitor Kit
Date: Wed, 14 Apr 1999 07:59:43 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)

Guys, we have put together an experimenter's capacitor kit, with the following values and quantities. Please note that these are new parts, NO surplus here.

.
1, 2, 5, 10, 12, 15, 18, 20, 22, 27, 30, 33, 39, 47, 51, 56, 68, 82, 100,
120 pF
NPO Discs 100 Volt
10 of each value

.
150, 180, 220, 270, 330, 390, 470, 560, 680, 820, 1000 pF
NPO Mono Ceramic 100 Volt
10 of each value

.
1, 2.2, 4.7, 10, 22, 47, 100, 220, 470 uF
25V Radial Electrolytics
10 of each value

.
50 - .01 mono axials
50 - .1 mono axials

The kit contains:
200 - 5% NPO Ceramic Disc Capacitors
110 - 5% NPO Radial Mono Capacitors
90 - 25V Electrolytic Capacitors
100 - Mono bypass caps

<text deleted to end>

--
73, Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska <mailto:al7fs@qsl.net>

ICQ 11022915 (Info at <http://www.icq.com/>)

Date: Sun, 7 Nov 1999 08:14:12 EST
From: kc8aon@juno.com
To: qrp-l@Lehigh.EDU
Subject: [55413] Rechargeable Alkalines ?
Message-ID: <19991107.130432.4655.1.kc8aon@juno.com>

Was thinking of getting one of them new fangled alkaline battery chargers and was wondering if anyone has used them and what they thought about them ? I think the are called "RENEWAL POWER STATIONS" and require special rechargeable alkaline batteries by the same "RENEWAL" name. Do these batteries last as long as regular alkalines per charge ? And has anyone tried regular alkalines in the charger ? Also, I have seen from time to time a special charger advertised that supposedly charges regular alkalines, has anyone had any experience with these ?

Thanks in advance
72.....KC8AON <><
Rick McKee
Willow Wood, Ohio

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 7 Nov 1999 13:28:32 EST
From: N9DD@aol.com
To: QRP-L@lehigh.edu
Subject: [55414] Re: Making CT vers 6/7/8 work for 1999 SS
Message-ID: <0.318643cd.25571ed0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Gang

Rather than use the notepad function to do this, I've just been adding a /m or /u after the call and logging the prec as A. CT picks up the call as a dupe if I enter it a second time without the /m so no problem there. I think it will be easier to edit the log this way than referring to a page of notes.

Good Luck in SS!

Tom N9DD
South Bend, IN

In a message dated 11/6/1999 3:24:47 PM US Eastern Standard Time,
alan.kaul@worldnet.att.net writes:

<< Here's how I plan to make CT v 8.50 work in this weekend's contest, (i.e.
working around the ARRL's change in precedence codes).

1-Use the NOTE PAD function (I believe it is ALT-N) to create a one-line
file for the QSO which has a non-A/non-B/non-Q precedence >>

Date: Sun, 7 Nov 1999 12:28:37 -0600
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: <kc8aon@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [55415] Re: Rechargeable Alkalines ?
Message-ID: <001001bf294d\$e972d1e0\$1c7154d8@the-great-c>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I got one. I don't have very scientific observations on how deep you can
discharge them, but the instructions say to put them back in the charger
frequently and they'll last longer.

My main use is in my portable CD player. I'll listen to one or two CDs and
then recharge. They seem to be lasting a good while this way. BUT--I have
let a couple batteries go to the state we'd usually call "dead", and when
that happens you can put them in the trash. The charger won't bring them
back to life.

Sometime I wonder if there's a "ham" method for recharging "regular"
alkalines. I know this will bring dire (and probably valid) warnings about
exploding batteries. Still ...

72,

Nick, wA5BDU

-----Original Message-----

From: kc8aon@juno.com <kc8aon@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Sunday, November 07, 1999 12:07 PM

Subject: Rechargeable Alkalines ?

>Was thinking of getting one of them new fangled alkaline battery chargers
>and was wondering if anyone has used them and what they thought about
>them ? I think the are called "RENEWAL POWER STATIONS" and require
>special rechargeable alkaline batteries by the same "RENEWAL" name. Do
>these batteries last as long as regular alkalines per charge ? And has
>anyone tried regular alkalines in the charger ? Also, I have seen from
>time to time a special charger advertised that supposedly charges regular
>alkalines, has anyone had any experience with these ?

>

>Thanks in advance

>72.....KC8AON <><

>Rick McKee

>Willow Wood, Ohio

>

>

>-----
>Get the Internet just the way you want it.

>Free software, free e-mail, and free Internet access for a month!

>Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

>

Date: Sun, 7 Nov 1999 13:33:46 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <kc8aon@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [55416] Re: Rechargeable Alkalines ?

Message-ID: <003501bf294e\$babb7ae0\$9235fea9@dads-hp>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

>Was thinking of getting one of them new fangled alkaline battery chargers
>and was wondering if anyone has used them and what they thought about
>them ? I think the are called "RENEWAL POWER STATIONS" and require
>special rechargeable alkaline batteries by the same "RENEWAL" name. Do
>these batteries last as long as regular alkalines per charge ? And has
>anyone tried regular alkalines in the charger ? Also, I have seen from
>time to time a special charger advertised that supposedly charges regular
>alkalines, has anyone had any experience with these ?

>

>Thanks in advance

>72.....KC8AON <><

>Rick McKee

>Willow Wood, Ohio

Well, I've posted this before but since it came up...

There really isn't THAT much new to the Renewal. cells. They are a good quality alkaline battery. I haven't done ah measurements on them, but they 'feel' to be average as far as alkalines go.

Where they are really good is that they can handle the pressure of recharging.

I was told that almost ANY alkaline battery can be recharged, the trick is to keep them from exploding or seeping.

Renewal cells are charged by 'pulsing' them 60 (or 50) times a second, and on the alternate phase, checking their voltage. When a cell is low, it will take 100% of all the possible pulses. As it charges, it may start missing a pulse every now and then, finally more and more, and when fully charged only taking a pulse maybe every couple hours. So it doesn't hurt to leave them in the charger.

Taking a cell down is 'destructive' to it. Take it down more is more destructive. So, taking a cell down 10%, charging, then down 10% and charging, is better for long life than taking it down 20% once and charging.

Renewals are alkalines, and their selfdischarge rate is extremely low, unlike nicads which is something like 3 or 4% a day.

Renewals therefore are best suited to applications that may be idle for long periods, then demand full power. And applications that can be 'topped off' on a regular basis. Emergency flashlights in your car are one example. They are not good for applications where you run them dead, like CDs and gameboys for the kids. For HTs? You'd have to make that determination depending on how it's to be used. I keep one pack for my HTX-202 with Renewals in the car for emergencies. But anytime I 'use' the HT, like 'events', I put in Fuji alkalines I pick up as bricks of 40 for \$9.

If you look at the Renewal chargers, they do NOT make contact to the button on the top. At least, the two I have don't. The (+) contact is the SHELL of the battery, and is made on the rim. The (-) is the center of the battery base. Since most batteries are constructed with the button isolated and the rest a case, putting a regular cell into the renewal charger either shorts it out or is open circuit due to insulation on the cell. If you pick up a charger, check to see how it makes contact. This construction

method may be for pressure and sealing reasons. Then again,
it may be for charger uniqueness, I don't know.

Finally, charge other batteries if you want (and can make them
connect), but be careful. Charging generates lots of gas
pressure, and they could leak and damage your equipment.

Mike Yetsko
N1DVJ

Date: Sun, 7 Nov 1999 13:45:48 -0500
From: "J. Ervin Bates" <w8erv@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55417] Re: Antennas, misc.
Message-ID: <00ca01bf2950\$4f898bc0\$b7451b3f@win98>

The 10m yagi is spoken for, still no confirmation on the 10-40m Alpha Delta
and the scanner.

73,
Erv

Date: Sun, 07 Nov 1999 13:49:13 -0500
From: semann@tcia.net (Steven Mann)
To: kc8aon@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55418] Re: Rechargeable Alkalines ?
Message-ID: <3825C9A9.DADCC7AE@tcia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I picked up one (model PS2) used without instructions to
charge the batteries in my TI-89 calculator. I've used it
twice on the 4 batteries from the calculator. A LED comes
on in each socket when the batteries are first inserted.
After (approximately) less than an hour, the each LED turns

off individually (not at the same time) which I assume means that it is charged. The recharged batteries work fine.

Steve, N4EY

kc8aon@juno.com wrote:

>
> Was thinking of getting one of them new fangled alkaline battery chargers
> and was wondering if anyone has used them and what they thought about
> them ? I think the are called "RENEWAL POWER STATIONS" and require
> special rechargeable alkaline batteries by the same "RENEWAL" name. Do
> these batteries last as long as regular alkalines per charge ? And has
> anyone tried regular alkalines in the charger ? Also, I have seen from
> time to time a special charger advertised that supposedly charges regular
> alkalines, has anyone had any experience with these ?
>
> Thanks in advance
> 72.....KC8AON <><
> Rick McKee
> Willow Wood, Ohio
>
> -----
> Get the Internet just the way you want it.
> Free software, free e-mail, and free Internet access for a month!
> Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 07 Nov 1999 09:58:17 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>, Paul Harden NA5N <NA5N@Rt66.com>
Subject: [55419] HB: Alphabetic Index for NA5N Electronic Data Book de AL7FS
Message-ID: <3825CBC9.F38A3150@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from Alaska:

I needed some help in finding items in the NA5N Electronic Data Book (First Edition). Last night I sat down and typed up an index and then sorted it by subject. A sample follows (I am not going to clean up the spacing for this example). This list can be found on my web site at <http://www.qsl.net/al7fs/> :

You will need to number your pages for this to work. I numbered the odd pages with Page 1 being the page titled, "Section 1 QRP Rig Circuit

Analysis...The majority of the low-power QRP transceivers, etc....."

Enjoy.

--

73, Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska <mailto:al7fs@qsl.net>
ICQ 11022915 (Info at <http://www.icq.com/>)

AL7FS Index for
The Electronic Data Book for Homebrewers and QRPers" First Edition

by Paul Harden

page number 1 is the first page of Section 1.

Subject	Page
<snip>	
74LS 121	
74S 121	
74XX 121	
AD590 Temperature Transducer	85
AD592 Temperature Transducer	85
AD745 Ultra Low Noise BiFET Op Amp	87
AGC Circuits	10
AGC Voltage	8
Aluminum Capacitors	31
Aluminum Capacitors-miniature-Axial leads	32
Aluminum Capacitors-miniature-radial leads	31
Aluminum Electrolytic capacitor	21
Aluminum Electrolytics-Part Number Identification	32
Aluminum vs. Tantalum Electrolytic Characteristics	29
Appendices - Section 4	123
Audio Amplifiers, AGC, S-Meter, RIT circuits	9
Band Pass Filters (BPF)	7
Band Pass Filters (BPF)	13
Basic QRP Superhet - NE602	4
BNC Connector	38
CA3002 CMOS IF Amplifier (DC-15 MHz)	89
CA3012 CMOS Wide-band Amplifier (to 20 MHz)	89
CA3028 CMOS Differential Amplifier (DC-120 MHz)	90
CA3089 CMOS FM IF System	90
CA555 Monolithic Timing circuit	88
Calibrated Readout Dials	65
Capacitor - electrolytic Selection Factors	30
Capacitor Characteristics Defined	23
Capacitor Characteristics important to Electrolytics	30
Capacitor Construction Methods	22
Capacitor Identification	26

Capacitor Package styles 22
Capacitor Selection Guide 28
Capacitor Standard Values 25
Capacitor Types - Principle Characteristics matrix 23
Capacitor-Aluminum 31
<snip>

Date: Sun, 07 Nov 1999 10:07:21 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [55420] Re: HB: Alphabetic Index for NA5N Electronic Data Book de AL7FS
Message-ID: <3825CDE9.5CFB10A5@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello again,

One additional comment. I printed my index list in landscape format, stapled the 9 pages together in the good corner and then stapled the side I was going to cut off so the sheets stayed tight together for a clean edge when I made the cut.

I then stuck the pages in my book, drew a line along the edge of the book and then used a good scissors to cut off the stapled excess. Now the 9 page index sits just inside the cover of my Data Book for easy access when I need it.

You may need to reduce your left margin before printing just to make sure it all fits inside the book boundaries. I used a 1/2 inch left margin.

If you have trouble printing the web site index, let me know and I can probably send you the excel spreadsheet after Thanksgiving when I get back from Wisconsin.

Jim

73, Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska <mailto:al7fs@qsl.net>
ICQ 11022915 (Info at <http://www.icq.com/>)

Date: Sun, 07 Nov 1999 14:43:24 -0500
From: Fred DeVries <fred.devries@mindspring.com>

To: kc8aon@juno.com, qrp-1@lehigh.edu
Subject: [55421] Re: Rechargeable Alkalines ?
Message-ID: <3.0.5.32.19991107144324.007dadb0@mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have used the rechargeable AAs in my Garmin 12 GPS and probably get one third as many hours using the rechargeables as compared to fresh, not-rechargeable type. I continue to use them, but would not bet my life on them.

Fred DeVries KC8MMS

At 08:14 AM 11/7/99 EST, you wrote:

>Was thinking of getting one of them new fangled alkaline battery chargers
>and was wondering if anyone has used them and what they thought about
>them ? I think the are called "RENEWAL POWER STATIONS" and require
>special rechargeable alkaline batteries by the same "RENEWAL" name. Do
>these batteries last as long as regular alkalines per charge ? And has
>anyone tried regular alkalines in the charger ? Also, I have seen from
>time to time a special charger advertised that supposedly charges regular
>alkalines, has anyone had any experience with these ?

>
>Thanks in advance
>72.....KC8AON <><
>Rick McKee
>Willow Wood, Ohio

>
>-----
>Get the Internet just the way you want it.
>Free software, free e-mail, and free Internet access for a month!
>Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.
>

Date: Sun, 7 Nov 1999 14:55:02 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <fred.devries@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55422] Re: Rechargeable Alkalines ?
Message-ID: <007301bf2959\$fd180060\$9235fea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Fred,

Remember that discharge/charge cycles are destructive to the batteries, and that as they age, they hold less and less. I've seen one blurb that Renewals that are run down to a certain 'unusable' level should have about 25 cycles of life, but that the last few cycles can be extremely abbreviated. I don't know how much, but one figure of 30% was thrown out. On the other hand, cells that are only run down maybe 25% and recharged on a consistent basis, can be cycled MANY hundreds of times, and don't show appreciably shortened discharge lives for a very large number of cycles.

It's not that the Renewals are good or bad. They are different. If the differences are such that you can take advantage of them, then they are good for your application. If not, they why have them in the first place?

Mike Yetzko
N1DVJ

>I have used the rechargeable AAs in my Garmin 12 GPS and probably get one
>third as many hours using the rechargeables as compared to fresh,
>not-rechargeable type. I continue to use them, but would not bet my life on
>them.

>

>Fred DeVries KC8MMS

>

>At 08:14 AM 11/7/99 EST, you wrote:

>>Was thinking of getting one of them new fangled alkaline battery chargers
>>and was wondering if anyone has used them and what they thought about
>>them ? I think the are called "RENEWAL POWER STATIONS" and require
>>special rechargeable alkaline batteries by the same "RENEWAL" name. Do
>>these batteries last as long as regular alkalines per charge ? And has
>>anyone tried regular alkalines in the charger ? Also, I have seen from
>>time to time a special charger advertised that supposedly charges regular
>>alkalines, has anyone had any experience with these ?

>>

>>Thanks in advance

>>72.....KC8AON <><

>>Rick McKee

>>Willow Wood, Ohio

>>

>>

>>-----
>>Get the Internet just the way you want it.

>>Free software, free e-mail, and free Internet access for a month!

>>Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

>>

>

>

Date: Sun, 7 Nov 1999 15:19:06 -0800
From: Robert P Engelman <rengelwb8uoj@juno.com>
To: qrp-1@lehigh.EDU
Subject: [55423] Operating: ADVANCED HAPPY DANCE
Message-ID: <19991107.151910.-960355.4.rengelwb8uoj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hey gang,

Just wanted to pass along a bit of the big grin that's here in the shack. Just got back from ace-ing the Advanced exam. Also got credit for the 20wpm Extra code test. Wasn't quite so lucky on the Extra theory, as I didn't even open the book for that one. But I figured what the heck, why not..... There's always next month....

Also wanted to pass along a note of thanks to everyone on the list. Being part of this reflector has been instrumental in re-kindling the Amateur radio fire in me.

A special thanks goes out to Mac, AF4PS for all the E-mails back and forth, and a LARGE thanks for his generosity for a couple of "free" parts and also for the loan of his copy of the Gordon West Advanced exam book. The book surely made this upgrade as painless as possible.

I wish everyone luck in the SS contest.

Later

Bob WB8U0J / AA

Date: Sun, 7 Nov 1999 14:43:44 -0600
From: "Matthew Balvanz" <kc0ayg@hotmail.com>
To: <qrp-1@lehigh.edu>

Subject: [55424] N/T+ Fox Tonight!
Message-ID: <19991107204437.49416.qmail@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

I'll be the N/T+ Fox this evening from 0100-0300 UTC. I know most of you'll be tired from SS, but there's one more thing to bag before calling it an evening! I'll be running 5 watts around 7.110 Mhz from the shack of KC0DB0 to his inverted Vee antenna and I'm looking for hunters! I'll see you then!

73,
Matthew KC0AYG Ames,IA

Date: Sun, 07 Nov 1999 15:58:54 EST
From: CHARLES K BROWN <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [55425] HB: Standard Capacitor Values
Message-ID: <19991107.205614.4351.2.n4so@juno.com>

Standard Capacitor Values are shown on page 24 in the Data Book for Homebrewers and QRPers from Paul Harden, and also standard values for Electrolytics on page 30. If you do not own the Data Book, you should buy it and refer to it when you have a question.

Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 07 Nov 1999 16:06:27 EST
From: Rod J Johnson <ka7you@juno.com>
To: QRP-L@LeHigh.EDU
Subject: [55426] HB: Thanks for cap kit values
Message-ID: <19991107.141134.17247.11.ka7you@juno.com>

Thanks to Jim Larson and Jerry parker for the very fast response to my capacitor kit value request.

7 3,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.

80M thru 10M with K2 s/n268 and other fine QRP rigs.

VHF thru 1296 MHz-higher bands pending

ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

Get the Internet just the way you want it.

Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 7 Nov 1999 16:15:26 -0500

From: w2xn@juno.com

To: qrp-l@lehigh.edu

Subject: [55427] Fw: Operating: ADVANCED HAPPY DANCE

Message-ID: <19991107.162401.-689861.0.w2xn@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Bob,

Congrats on the upgrade. You're right, Mac does a lot to help others.

Now get "crackin'" on that Extra license.

Congrats !!!

Fred W2XN

Lakeland, FL

W5YI-VE Skywarn #POL-007 Polk County ARES

AR QRP #233 QRP-L #1728 NJ-QRP #197 ZOMBIE #709

My Web Page: <http://w2xn.homepage.com/>

Hey gang, Just wanted to pass along a bit of the big grin that's here in the shack. Just got back from ace-ing the Advanced exam. Also got credit for the 20wpm Extra code test. Wasn't quite so lucky on the Extra theory, as I didn't even open the book for that one. But I figured what the heck, why not..... There's always next month....

Also wanted to pass along a note of thanks to everyone on the list. Being part of this reflector has been instrumental in re-kindling the Amateur radio fire in me. A special thanks goes out to Mac, AF4PS for all the E-mails back and forth, and a LARGE thanks for his generosity for a couple of "free" parts and also for the loan of his copy of the Gordon West Advanced exam book. The book surely made this upgrade as painless as possible.

I wish everyone luck in the SS contest.

Later Bob WB8U0J / AA

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 7 Nov 1999 16:30:46 -0500
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [55428] Interesting equivalents for 5 watts?
Message-ID: <008001bfb2967\$5b2e6240\$96e18ad1@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am looking for something that may not exist. I want a reference list of things which are equivalent to 5 watts which a lay person might understand so they get an appreciation of how little power we QRP-ers use to talk around the world. The only thing that comes to mind is a 5 watt light bulb, but there are surely other things. Does anyone know of a website or book that might have such a list? Or could be create such a list here?

What I want to do is make up a frame-able certificate of appreciation for a buddy of mine who hosted me in the Upper Peninsula of Michigan on the shores of Lake Michigan the weekend of the CQWW phone contest. He let me put up a long wire and drag a car battery inside to power my Argo II after my Lambda power supply got weird on me. I thought I'd list the countries I worked, plus have some equivalents of 5 watts.

Any input would be greatly appreciated.

Dave K8TRF

Date: Sun, 07 Nov 1999 16:38:42 EST
From: Rod J Johnson <ka7you@juno.com>
To: QRP-L@LeHigh.EDU
Subject: [55429] Admin: ?? "<owner-qrp-l@LeHigh.edu>"
Message-ID: <19991107.144400.17247.14.ka7you@juno.com>

Greetings fellow list members,

Does anybody know what is causing this <owner-qrp-l...> to be displayed as the <FROM> party, or is it just my JUNO that is doing it.

I remember seeing it begin some weeks ago, but it was not affecting my posts. Now my mail to the list is doing it too.

It is very agravating to try to look for a post, when you know who it was from, but see so many <owner....> lines.

In my case, I have to bring each listing up on the screen as though I'm going to read it, then go into the <Options> menu and turn on the switch to show the complete header, then scroll down through all the header lines to find the actual senders address or name. I can't just grab the address from the index list if I want to save it.

If it is strictly a Juno problem, then I'll deal with that, but if it is a list server 'feature', I'd like to see the old way return.

Obviously it is not common to all who post, and it didn't happen to all of us who are affected at the same time, so I suspect it is not the list server either.

Maybe it is some comination thing-like intermod.

Any ideas?

Thanks,

Rod Johnson KA7YOU

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
80M thru 10M with K2 s/n268 and other fine QRP rigs.
VHF thru 1296 MHz-higher bands pending
ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 7 Nov 1999 16:57:40 -0500
From: "John J. McDonough" <jjmcd@tm.net>
To: <ka7you@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [55430] Re: Admin: ?? "<owner-qrp-1@LeHigh.edu>"
Message-ID: <000e01bf296b\$1dd808c0\$010044c0@conor-mac-nessa>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rod

Looking at the headers, it would appear to be a feature of Juno. My mail client shows the sender and the mail 'From' header shows it (as you apparently can see). The local server's 'From' line shows owner-qrp just like it always has. Apparently this is what Juno is using. Could be really ugly if you mail is forwarded from somewhere else, like ARRL for example.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 07 Nov 1999 15:05:49 -0700
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: dodgeboy@mindspring.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55431] Re: Interesting equivalents for 5 watts?
Message-ID: <3825F7BC.62F8D6B4@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave,

For reference, there are 1492 Watts in a horsepower. I always remember that because in 1492, Columbus sailed the ocean blue.

Dave Benham wrote:

> I am looking for something that may not exist. I want a reference list of
> things which are equivalent to 5 watts which a lay person might understand
> so they get an appreciation of how little power we QRP-ers use to talk
> around the world.

Date: Sun, 7 Nov 1999 17:08:23 -0500
From: "Ed Tanton" <n4xy@att.net>
To: <dodgeboy@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [55432] RE: Interesting equivalents for 5 watts?
Message-ID: <NBBBJDEEIFDDANGEGHLBIEDOHKAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Dave... do the Watts > Calories or Watts > BTU and then you should be
able to find a bunch of things that use, need, or-in the case of candy, for
example-supply that much power for some specific amount of time.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

Date: Sun, 7 Nov 1999 14:47:37 -0800 (PST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: nilsbull@juno.com
Cc: elecrafft@qrth.net, QRP-L@lehigh.edu
Subject: [55433] Re: [55388] PSK31 & lap tops
Message-ID: <199911072247.0AA06211@netcom.com>

I know of two possibilities for PSK31 without a sound card.

There's a version (the original, in fact) that runs on a Motorola
EVM56K evaluation board. TAPR has much information on the EVM56K, and
an enclosure/connections kit (which I don't recommend (not worth the
bucks, the TAPR kit, not the EVM)).

The other possibility is either the PTC-II or PTC-IIe from SCS.
Pricy, but probably actually worth it, if you want the other
capabilities, too.

73, doug

Date: Sat, 6 Nov 1999 16:14:02 -0500
From: Nils R Young <nilsbull@juno.com>

<many excess words trimmed>

But I do have a perfectly good 486 laptop with a few meg of space left on
Is there a trick or something that I have to buy to get that
beast to work on PSK31. No audio card, see?

<many excess words trimmed>

Date: Sun, 7 Nov 1999 22:49:43 -0000
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: <jaevans@codenet.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [55434] Re: Interesting equivalents for 5 watts?
Message-ID: <018d01bf2972\$638a93e0\$79a832d4@prsat0x1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>For reference, there are 1492 Watts in a horsepower. I always remember
that
because in 1492, Columbus sailed the ocean blue.

That guy has a lot to answer for!

: -)

Frank G3YCC G QRP 042
QRP web page <http://www.karoo.co.uk/g3ycc/>

Date: Sun, 07 Nov 1999 15:53:21 MST
From: "Jerry McCollom W0MC" <w0mc@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [55435] FOX: W0MC Final Log Nov4 Fox
Message-ID: <19991107225322.88581.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Folks,

Below is the final log I've submitted to Paul. Thanks everyone for catching
my mistakes transcribing my hand-written log!

72,
Jerry
WOMC

Call	RX	RST	State	Name	Number
K0EVZ		579	ND	DOC	861
KI0G	579	CO	BOB		239
W5TB	559	TX	DOC		673
W0RW	599	CO	PAUL		1284
N1LN	559	TX	BRUCE		2049
N0EA	559	MO	WAYNE		1058
WE6W	559	CA	ED		1068
AB7CE		599	MT	ROY	1494
WE7G	579	UT	WAYNE		481
AF5Z	599	TX	BOB		984
KQ5U	559	TX	TERRY		1603
KI7MN		579	AZ	BOB	271
KI0II		589	CO	RON	928
K1MG	559	CA	MIKE		614
N4ROA		549	VA	DAN	970
AK7Y	559	AZ	GREG		1693
N5TW	579	TX	TOM		1474
WA5BDU		579	AR	NICK	2053
W0AV	559	MO	GEORGE		1866
KK5LD		559	TX	DAN	2052
VE6EWM		559	AB	EARL	1076
N9KW	559	IL	JOHN		1257
W4UTI		579	AL	KARL	1097
N0RC	599	CO	ROD	1764 TUNA	TIN II!
WA8RXI		449	MI	RICK	1368
AA5TA		339	TX	LARRY	1245
KE5TC		559	OK	ROY	1057
K0PC	559	MN	PAT		1964
N5LU	559	OK	BILL		2009
AB5UA		559	OK	CLIF	478
W0CH	559	MO	DAVE		618
KA4BM		579	FL	JIM	4W
NQ7X	559	AZ	FLOYD		343
N6WG	339	CA	BOB		26
AB8DF		339	MI	ED	1444
N0DT	559	MO	DAN		1004
VE5RC		559	SK	BRUCE	886
K1JD	229	RI	JOHN		1945
W0DC	559	MN	JOHN		367
W8SFF		559	MI	STEVE	1288
W0JOE		559	MO	JOE	1901
KR0I	339	MO	MAC		1037
W0RSP		559	SD	ADE	3100

W2PFS 449 NY HAL 2078
KA5T 449 TX LARRY 89
W7ILW 559 AZ HOWARD 2010
W5JAY 559 AR JAY 1201
N1TP 559 FL TOM 1317
AE2T 229 NY AL 1664
W5VBO 559 AZ BRIAN 404
N7RR 439 WA BRUCE 1688
N7MFB 569 WA BILL 715

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sun, 7 Nov 1999 17:57:26 EST
From: Dennisskea@aol.com
To: qrp-l@lehigh.edu
Subject: [55436] ERROR in forwarding
Message-ID: <0.d2c70041.25575dd6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Sorry all,
I just fwd. a CW@qth.net msg to the qrp-l list. My apologies.
72 Dennis Skea kc2ccz

Date: Sun, 07 Nov 1999 16:57:57 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: jaevans@codenet.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [55437] Re: Interesting equivalents for 5 watts?
Message-ID: <001801bf2973\$896775a0\$2e37a497@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

1492 equals 2 horsepower. There are 745.7 Watts in 1 horsepower. 5 Watts equals 0.0067 horsepower.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Sun, 7 Nov 1999 18:01:36 -0500
From: "Tom Bowman" <tbowman@nbn.net>
To: <qrp-1@lehigh.edu>
Subject: [55438] Need schematic for OHR Sprint 30
Message-ID: <013501bf2974\$0bb01ee0\$43468bd0@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I need the schematic for the 30 meter version of the Oak Hills Research Sprint. This is the W7EL classic transceiver.

I want to convert my 40-meter Sprint II to 30 and would sure appreciate knowing what part values are needed.

73,

Tom, WA3REY

 <>< Tom Bowman, WA3REY, QRP-L 125
 Mount Gretna, PA 17064

Date: Sun, 07 Nov 1999 15:09:29 -0800
From: Norm Melick <henmel@worldnet.att.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55439] Re: Admin: ?? "<owner-qrp-1@LeHigh.edu>"
Message-ID: <382606A9.AF6648C2@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I use Netscape, and have noticed the same thing for the last 2 years.

Makes filters almost useless.

Norm/KQ6SD

Date: Sun, 7 Nov 1999 18:33:46 -0500
From: "Ed Tanton" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [55440] RE: Interesting equivalents for 5 watts?
Message-ID: <NBBBJDEEIFDDANGEGLBEEEEHKAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It would be interesting to do the math on what a horse weighs, what a horseshoe weighs, and-if it's anywhere close-use that as a comparison.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

///snip

1492 equals 2 horsepower. There are 745.7 Watts in 1 horsepower. 5 Watts equals 0.0067 horsepower.

73,
Steve Yates - AA5TB

///snip

Date: Sun, 07 Nov 1999 20:52:19 -0200
From: cx8at@adinet.com.uy
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [55441] WANT CX LAND?
Message-ID: <382602A3.1D7A79D4@adinet.com.uy>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

HI EVERYBODY
ANYONE NEEDS QSL FROM THE CX LAND?
TRY NOW 21107Khz (SLOW CW PSE)

AL, CX8AT

End of QRP-L Digest 1632
